

Master 2.15

Step-by-Step 5

Lesson 2.5, Question 11

Look at the order of operations at the top of page 90.

Step 1 Robert, Brenna, and Christian got different answers for this problem:

$$(-40) - 2[(-8) \div 2]$$

Here is their work.

Robert	Brenna	Christian
$(-40) - 2[(-8) \div 2]$	$(-40) - 2[(-8) \div 2]$	$(-40) - 2[(-8) \div 2]$
$= (-40) - 2(-4)$	$= (-40) - 2(-4)$	$= (-40) - 2(-4)$
$= (-40) - (-8)$	$= (-42)(-4)$	$= (-40) - 8$
$= -32$	$= 168$	$= -48$

Step 2 Analyse the work in *Step 1*. Fill in the blanks.

_____ has the correct answer.

_____ got the wrong answer because _____

_____ got the wrong answer because _____
